

1 ABSTRACT

2 A means and method whereby ions from an ion source can be
3 selected and transferred via a multipole analyzer system in such
4 a way that ions are trapped and analyzed by inductive detection.
5 Ions generated at an elevated pressure are transferred by a pump
6 and capillary system into a multipole device. The multipole
7 device is composed of one analyzing section with two trapping
8 sections at both sides. When the proper voltages are applied,
9 the trapping sections trap ions within the analyzing region. The
10 ions are then detected by two sets of detection electrodes.